

Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	PAINT 140FT BASIN FFP PAINT SERVICES FOR THE 140 FOOT BASIN AT THE NSWCCD PER THE ATTACHED STATEMENT OF WORK. NOTE: THIS REQUIREMENT IS SET-ASIDE 100% FOR SMALL BUSINESSES. FOB: Destination DWG NR: N/A PURCHASE REQUEST NUMBER: 62021048	1	Each		

NET AMT

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002	PAINT CWC TEST SEC FFP PAINT SERVICES FOR THE CWC TEST SECTION AT THE NSWCCD PER THE ATTACHED STATEMENT OF WORK. FOB: Destination PURCHASE REQUEST NUMBER: 62021053	1	Each		

NET AMT

Section C - Descriptions and Specifications

STATEMENT OF WORK**Painting 140 Foot Water Basin and Circulation Water Channel**

1. **GENERAL REQUIREMENTS:** This contract concerns provisions for painting services for the 140 Foot Water Basin and Circulating Water Channel (CWC) located at the Naval Surface Warfare Center, Carderock Division (NSWCCD), West Bethesda, MD. The painting services contract shall include, but not be limited to, preparing and coating the Basins in accordance with this Specification.
2. **BACKGROUND:**
 - 2.1 The 140 Foot Basin is a Hydrodynamic testing facility located at the Naval Surface Warfare Center Carderock Division (NSWCCD). This facility is used for model testing where models are photographed during testing for specific data collection. In order to provide better data collection and to accommodate the needs of our customers the Basin needs to be painted. The Basin measures approximately 140 feet in length, 10 feet in width, and 6 feet in depth. There is existing permanent and removable equipment located in and around the Basin. Painting services are needed on the interior and exterior of the basin. This facility will be used for conducting salt water tests.
 - 2.2 The Circulating Water Channel (CWC) is a Hydrodynamic testing facility located at the Naval Surface Warfare Center Carderock Division (NSWCCD). This facility is used for model testing where models are photographed during testing for specific data collection. In order to provide better data collection and to accommodate the needs of our customers the Test Section of CWC needs to be painted. The Test Section begins at the net and ends where the floor starts to slope. Its measurement is approximately 60 feet in length, 22 feet in width, and 12.3 feet in depth. Painting services are needed only in the interior of the Test Section.
3. **REQUIREMENTS:** This specification describes the surface preparation, coating system, application requirements, and inspection requirements for the 140 Foot Basin and CWC Test Section Projects.
 - 3.1 140 Foot Basin
 - 3.1.1 This specification describes the surface preparation, coating system, application requirements, and inspection requirements for the 140 Foot Basin
 - 3.1.1.1 Location: The 140 Foot Basin is located in the basement of Building 3 at NSWCCD.
 - 3.1.1.2 Areas of Basin to be coated: The interior, three (3) exterior walls and the ledge of the Basin are to be coated, with the exception of the North facing exterior wall. NSWCCD requires two (2) colors for painting the 140 Foot Basin. The interior walls and bottom of the Basin shall be Eggshell White (off-white), the ledge and exterior color shall be Haze Grey.
 - 3.1.1.3 The Contractor shall assume all painted surfaces contain lead paint. The requirements in this specification do not supersede applicable Federal, Maryland State or Local laws and regulations. The Contractor is responsible for complying with applicable Federal, Maryland State and Local laws and regulations as they pertain to the removal and handling of lead paint.
 - 3.1.1.4 The Contractor shall describe how lead paint particulate will be controlled/contained. The Contractor will prevent lead exposure to Government personnel working near the contained area.

- 3.1.1.5 The Contractor shall remove the rubber mat that is adhesively bonded to the bottom of the Basin prior to initiation of surface preparation. The contractor shall dispose of the rubber mat.
- 3.1.1.6 The Contractor shall protect existing, permanent equipment and surfaces against preparation and coating damage.
- 3.1.1.7 The Contractor shall provide environmental control and ventilation equipment.
- 3.1.1.8 The Contractor shall dispose of the particulate.
- 3.1.1.9 The Government will remove the existing, non-fixed equipment.
- 3.1.1.10 The Government will provide water.

3.1.2 Materials

- 3.1.2.1 Crack Filler: Sherwin-Williams Steel-Seam FT910
- 3.1.2.2 Primer: Sherwin-Williams Duraplate UHS Primer
- 3.1.2.3 Topcoats:
 - 3.1.2.3.1 Basin: Sherwin-Williams Duraplate UHS – Off - White color
 - 3.1.2.3.2 Ledge and Exterior: Sherwin-Williams Duraplate UHS – Haze Grey color
- 3.1.2.4 The Contractor is responsible for ensuring that all materials are delivered to the job site in the manufacturer's sealed containers and appropriately labeled. Materials shall be stored in accordance with the manufacturer's instructions. The Contractor is responsible for delivery, storage, handling, and disposal of all materials in accordance with applicable Federal, Maryland State, and Local regulations and manufacturer's instructions.

3.1.3 Coating Schedule

- 3.1.3.1 Pre-Inspection: The Basin shall be pre-inspected by the Contractor and a representative of the contracting organization. All defects in design and fabrication will be noted.
- 3.1.3.2 Containment: The Contractor shall erect containment in accordance with applicable Federal, Maryland State and Local laws and regulations. The containment shall be maintained intact and in good condition throughout the pre-cleaning, surface preparation, and coating application process.
- 3.1.3.3 Pre-Cleaning: The Contractor shall clean and degrease the entire area to be coated by scrubbing using a combination of hot potable water (120-170°F) and a concentrated water-based alkaline degreaser intended for cleaning concrete. Perform two complete degreasing cycles on the entire surface to be coated. Remove using hot potable water (120-170°F) under a minimum of 4000 psi pressure. Rinsing shall be complete when the rinse water appears clear.
- 3.1.3.4 Surface Preparation:
 - 3.1.3.4.1 Cracks, joints, or other surface defects shall be repaired using Sherwin-Williams Steel-Seam FT910 in accordance with the manufacturer's data sheet. Surfaces shall be filled such that they are flush with the surrounding undamaged concrete.
 - 3.1.3.4.2 Surface preparation of existing intact coating shall be accomplished by wet sanding or wet abrasive blasting. The resulting surfaces

shall have a minimum surface profile of 2 mils.

3.1.3.5 Coating Application

3.1.3.5.1 Exposed Concrete: Apply Sherwin-Williams Duraplate UHS primer. Application and final dry film thickness shall be in accordance with the manufacturer's printed technical data sheets. If the application is performed via spray process, use back-rolling to ensure adequate contact with the substrate.

3.1.3.5.2 Intact Coating: Apply one full coat of Sherwin-Williams Duraplate UHS epoxy. Application and final dry film thickness shall be in accordance with the manufacturer's printed technical data sheets.

3.1.3.6 Pre-Job Conference: This specification and job standards for surface preparation, coating application, and inspection shall be reviewed at a meeting of all parties involved in this coating project prior to commencement of work.

3.1.3.7 Quality Assurance (QA) Inspection and Reporting:

3.1.3.7.1 The Contractor will provide a coating inspector qualified to NACE Level 1 or NBPI to perform the tests listed below and provide a complete record of measurements to the contracting activity on completion of the job.

3.1.3.7.2 The contracting activity will provide a coating inspector qualified to NACE Level 1 or NBPI to perform or witness tests performed by the contractor sufficient to ensure the requirements of this specification are being satisfied.

3.1.3.7.3 Specific Tests

3.1.3.7.3.1 Sampling for lead in accordance with applicable Federal, Maryland State, and local laws and regulations.

3.1.3.7.3.2 Environmental conditions (humidity and air temperature) once each work shift for the duration of the project.

3.1.3.7.3.3 Surface temperature once each work shift prior to application of any repair compounds or coatings.

3.1.3.7.3.4 Surface Preparation: Visual inspection shall be performed to verify that surfaces are free of dust dirt and debris and be uniform in appearance. Five surface profile readings shall be taken for the first 1000 ft². Two additional surface profile readings shall be taken for each additional 1000 ft².

3.1.3.7.3.5 Final coating inspection: Coatings shall be free of visual defects including (runs, drips, pinholes, and sags), and conform to manufacturer's recommended dry film thickness measured using an eddy current DFT gage. For the final coat, five readings shall be taken for the first 100 ft². Two readings shall be taken for every 100 ft² thereafter.

3.2 CWC Test Section

3.2.1 This specification describes the surface preparation, coating system, application requirements, and inspection requirements for the CWC Test Section.

3.2.1.1 The CWC Test Section is located in Building 5 at NSWCCD.

- 3.2.1.2 Areas of Basin to be coated: The interior of the CWC Test Section is to be coated. NSWCCD requires one (1) color for painting the CWC Test Section. The interior walls and floor of the Test Section shall be Eggshell White (off-white).
- 3.2.1.3 The Contractor shall place water depth markers on the North and South walls of the Test section.
- 3.2.1.4 The Contractor shall provide environmental controls and ventilation.
- 3.2.1.5 The Government will remove the existing, non-fixed equipment.
- 3.2.1.6 The Government will provide water.

3.2.2 Materials

- 3.2.2.1 Primer: Sherwin Williams Duraplate™ UHS Primer.
- 3.2.2.2 Topcoat: Sherwin Williams Duraplate™ – Off-white color
- 3.2.2.3 The Contractor is responsible for ensuring that all materials are delivered to the job site in the manufacturer's sealed containers and appropriately labeled. Materials shall be stored in accordance with the manufacturer's instructions. The Contractor is responsible for delivery, storage, handling, and disposal of all materials in accordance with applicable Federal, Maryland State, and Local regulations and manufacturer's instructions.

3.2.3 Coating Schedule

- 3.2.3.1 Pre-Inspections: The CWC Test Section shall be pre-inspected by the Contractor and a representative of the contracting organization.
- 3.2.3.2 Containment: The Contractor shall install containment such that no dust, paint chips, or other particles or debris escapes from the containment area.
- 3.2.3.3 Pre-Cleaning
 - 3.2.3.3.1 The Contractor shall provide and install environmental control equipment to maintain required conditions for surface preparation and coating application.
 - 3.2.3.3.2 The Contractor shall pressure wash the entire area to be painted at a minimum of 2000 psi.
 - 3.2.3.3.3 The Contractor shall clean so as to ensure that the entire areas to be coated are free of dirt, oil, foreign matter, and other contaminants that would impair coating adhesion.
 - 3.2.3.3.4 The Contractor shall measure surface salt conductivity.
 - 3.2.3.3.5 The Government will remove wire cover plates and lighting tracks.
- 3.2.3.4 Surface Preparation
 - 3.2.3.4.1 Areas of localized corrosion: The Contractor shall prepare areas to either SSPC-SP 11 (Power Tool Cleaning to Bare Metal) or SSPC SP-10 (Near White Blast Cleaning).
 - 3.2.3.4.2 Areas of intact paint: The Contractor shall prepare areas according to the requirements of the coating manufacturer for over coating aged intact epoxy paint. Generally, this involves sanding with 60 or 80 grit paper, then cleaning so that all dust is removed.
- 3.2.3.5 Coating Application

- 3.2.3.5.1 Areas prepared according to SSPC-SP11 or SSPC-SP-10 requirements: The Contractor shall apply Sherwin Williams Duraplate™ UHS primer according to manufacturer's printed technical data sheets. After allowing the proper re-coat interval, apply Sherwin Williams Duraplate™ UHS topcoat according to the manufacture's printed technical data sheets.
- 3.2.3.5.2 Areas of intact coating: The contractor shall apply only the Sherwin Williams Duraplate™ UHS topcoat according to manufacturer's instructions.
- 3.2.3.6 Pre-Job Conference: This specification and job standards for surface preparation, coating application, and inspection shall be reviewed and agreed upon at a meeting of all parties involved in this coating project prior to commencement of work. NOTE: CONTACT YELENA BARGMAN AT 301-227-1486 or yelena.bargman@navy.mil TO SET UP A PRE-SITE INSPECTON OF THE JOB.
- 3.2.3.7 Quality Assurance (QA) Inspection and Reporting
 - 3.2.3.7.1 The Contractor shall provide a coating inspector qualified to NACE Level 1 or NAVESEA Basic Paint Inspector (NBPI) who shall perform the tests listed below and provide a complete record of measurements to the contracting activity on completion of the job.
 - 3.2.3.7.2 Specific Tests
 - 3.2.3.7.2.1 Environmental conditions (humidity and air temperature) once each work shift for the duration of the project.
 - 3.2.3.7.2.2 Surface temperature once each work shift prior to application of any coatings.
 - 3.2.3.7.2.3 Surface profile measurement: In each area prepared in accordance with SSPC-SP-10 or SSPC-SP-11, use Testex tape to measure surface profile. Minimum surface profile shall be 1 mil.
 - 3.2.3.7.2.4 Soluble salt conductivity testing: Sample and measure conductivity to determine acceptable level of soluble salts on the surface to be painted. Five determinations shall be made for every 1000 ft². Conductivity measurements shall not exceed 30 microsiemens/cm.
 - 3.2.3.7.2.5 Dry film thickness (DFT) measurement: Measure dry film thickness to ensure the proper coating thickness of all applied coats. Readings shall be taken for each coat at each location prepared to SSPC-SP-10 or SSPC-SP-11. For the final coat, five readings shall be taken for the first 100 ft². Two readings shall be taken for every 100 ft² thereafter.
 - 3.2.3.7.2.6 Final coating inspection: Coatings shall be free of visual defects including (runs, drips, pinholes, and sags).
 - 3.2.3.7.3 The Government shall provide a coating inspector qualified to NACE Level 1 or NBPI who shall perform or witness tests performed by the contractor sufficient to ensure the requirements of this specification are being satisfied.

- 3.3 Workmanship
 - 3.3.1 All work shall be performed in strict accordance with this specification and the manufacturer's current printed technical data and instructions. In case of a conflict between this specification and the manufacturer's technical data and instructions, this specification shall take precedence. Work shall be performed by skilled workmen in a safe and workmanlike manner.
 - 3.3.2 The Contractor shall be certified to SSPC QP-1 and QP-2 and licensed and certified to perform this work in accordance with Federal, Maryland State, and Local regulations.
 - 3.3.3 The Contractor and/or subcontractor shall maintain cleanliness of the work free from accumulation of industrial debris caused by contractor and/or subcontractor employees, which could cause safety hazards and interfere with work, on a continuous basis throughout the project.
- 4. SUBMITTALS: Proposed material submittals required of the Contractor shall be made allowing significant time for processing, review, approval, and procurement before the contractor is ready to use the material. The Contractor shall certify on all submittals that the material being proposed conforms to contract requirement. In the event of any variance the Contractor shall identify which portions vary and request approval of a substitute. The Contractor shall certify that all contractor-furnished equipment can be installed in the allocated spaces. Incomplete submittals and submittals with inadequate data will be rejected.
- 5. SECURITY REQUIREMENTS:
 - 5.1 All work to be performed for this project is Unclassified.
 - 5.2 The Contractor personnel working at NSWCCD must be fully identified. The Contractor personnel must be U.S. Citizens or have a U.S. Green Card. No Foreign Nationals (FN).
 - 5.3 The Contractor will provide the following information on all personnel who require access:
 - 5.3.1 Full Name
 - 5.3.2 Nationality (if Non-U.S. Citizen, alien registration number provided on the first day of the job)
 - 5.3.3 Date and Place of Birth
- 6. INSPECTIONS: All work is subject to inspection by a designated Government Representative during performance of specified work, and upon completion of the job.
- 7. VISITS TO THE JOB SITE: The Contractor is encouraged to visit the job site and make visual inspection to him/herself of the requirement for this job.

Section E - Inspection and Acceptance

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0001	N/A	N/A	N/A	Government
0002	N/A	N/A	N/A	Government

Section F - Deliveries or Performance

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0001	24-NOV-2006	1	NAVAL SURFACE WARFARE CENTER, CARDEROCK YELENA BARGMAN 9500 MACARTHUR BLVD WEST BETHESDA MD 20817-5700 301-227-1486 FOB: Destination	N00167
0002	24-NOV-2006	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	N00167

Section G - Contract Administration Data

Section I - Contract Clauses

CLAUSES INCORPORATED BY REFERENCE

52.214-6	Explanation To Prospective Bidders	APR 1984
52.222-15	Certification of Eligibility	FEB 1988
52.222-41	Service Contract Act Of 1965, As Amended	JUL 2005
52.249-8	Default (Fixed-Price Supply & Service)	APR 1984

CLAUSES INCORPORATED BY FULL TEXT

Your quotation must include the following information:

Price list number and date

or

Cost breakdown by direct labor (list categories, hours and pay rates). In addition to the direct rates, provide the applicable indirect information (G&A), overhead, facilities capital cost of money (FCCM) and profit.

or

Applicable General Services Administration (GSA) contract number.

If unable to quote FOB, Destination, please complete the following:

FOB Point _____

Estimated Shipping Charge _____

Business size:

Large _____ Small _____ Nonprofit _____

Cage Code _____

Tax Identification Number (TIN) _____

DUNS _____

ELIGIBILITY REQUIREMENTS

All contractors and individuals doing business with the Federal Government must be registered at the Contractor Central Registration Database located at: <http://www.ccr.gov/>

ELECTRONIC DISTRIBUTION OF CONTRACT DOCUMENTS

(a) The DoD Electronic Document Access (EDA) provides World Wide Web access to documents used to support the procurement, contract administration, bill paying, and accounting processes. EDA is being used by the Naval Surface Warfare Center, Carderock Division to electronically distribute all contract award and contract modification documents, including task and delivery orders. The contractor will be sent a notification email when a contractual document has been uploaded for distribution. The contractor will be required to register as a vendor on the EDA web site (<http://eda.ogden.disa.mil>) in order to view/download their company's contractual documents. The files posted are in .pdf format and may be accessed using Adobe Acrobat Reader. Adobe Acrobat Reader is a free software that may be downloaded at <http://www.adobe.com/products/acrobat/readstep.html>.

(b) Offerors must provide the following information that will be used to make electronic distribution for any resultant contract.

Name of Point of Contact _____

Phone Number for Point of Contact _____

E-mail Address for Receipt of Electronic Distribution _____

USE OF THE GOVERNMENT-WIDE COMMERCIAL PURCHASE CARD

Will you accept the Government-wide Commercial Purchase Card as a method of purchasing supplies and/or services.

_____ Yes _____ No

Will you accept the Government wide Commercial Purchase Card as a method of payment for your invoice.

_____ Yes _____ No

DUTY FREE ENTRY

Will any materials being shipped to the Government require a duty-free entry certificate for foreign supplies.

_____ Yes _____ No

If yes, please include dollar amount \$ _____

Note: The following provision 52.204-8 applies to this solicitation only when the solicitation includes the clause 52.213-4, Terms and Conditions—Simplified Acquisitions (Other Than Commercial Items)

52.204-8 Annual Representations and Certifications (Jan 2006)

(a)(1) The North American Industry Classification System (NAICS) code for this acquisition is _____ [insert NAISC code].

(2) The small business size standard is _____ [insert size standard].

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(b)(1) If the clause at 52.204-7, Central Contractor Registration, is included in this solicitation, paragraph (c) of this provision applies.

(2) If the clause at 52.204-7 is not included in this solicitation, and the offeror is currently registered in CCR, and has completed the ORCA electronically, the offeror may choose to use paragraph (c) of this provision instead of completing the corresponding individual representations and certifications in the solicitation. The offeror shall indicate which option applies by checking one of the following boxes:

☐ (i) Paragraph (c) applies.

☐ (ii) Paragraph (c) does not apply and the offeror has completed the individual representations and certifications in the solicitation.

(b) The offeror has completed the annual representations and certifications electronically via the Online Representations and Certifications Application (ORCA) website at <http://orca.bpn.gov>. After reviewing the ORCA database information, the offeror verifies by submission of the offer that the representations and certifications currently posted electronically have been entered or updated within the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR 4.1201); except for the changes identified below [offeror to insert changes, identifying change by clause number, title, date]. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.

FAR Clause #	Title	Date	Change
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications posted on ORCA.

(End of provision)